

13

PLUS Search Results for S/N 09834013, Searched October 18, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5659690
5748806
5838950
4323981
4447876
4467454
4631667
4819153
4833605
4847750
4882671
4914574
5050073
5375216
5390305
5463622
5488728
5504868
5519649
5525748
5539145
5584010
5603066
5634081
5640593
5668334
5703584
5752083
5768554
5781803
5812190
5818607
5826093
5845154
5864691

09834013_LIST

5933623
5949011
6006303
6088829
6112259
6172828
6178466
6205084
6266712
6311289
6385694
6397300
6411394
6434667
6445522

09834013_QUAL

5659690 99
5748806 99
5838950 99
4323981 99
4447876 99
4467454 99
4631667 99
4819153 99
4833605 99
4847750 99
4882671 99
4914574 99
5050073 99
5375216 99
5390305 99
5463622 99
5488728 99
5504868 99
5519649 99
5525748 99
5539145 99
5584010 99
5603066 99
5634081 99
5640593 99
5668334 99
5703584 99
5752083 99
5768554 99
5781803 99
5812190 99
5818607 99
5826093 99
5845154 99
5864691 99
5933623 99
5949011 99
6006303 99
6088829 99
6112259 99
6172828 99
6178466 99
6205084 99
6266712 99
6311289 99
6385694 99
6397300 99
6411394 99

09834013_QUAL

6434667 99

6445522 99

09834013_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09834013 on October 18, 2004

Original Classifications

5 710/74
4 84/602
2 360/46
2 710/5

Cross-Reference Classifications

6 711/112
5 710/5
4 710/105
3 84/604
3 84/609
2 84/645
2 360/75
2 360/97.01
2 360/99.08
2 710/107
2 710/266

Combined Classifications

7 710/5
6 710/74
6 711/112
4 84/602
4 710/105
3 84/604
3 84/609
2 84/645
2 360/46
2 360/75
2 360/97.01
2 360/99.08
2 708/525
2 710/1
2 710/107
2 710/22
2 710/266
2 710/305
2 711/117
2 711/122
2 711/138
2 712/213
2 713/400

09834013_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09834013 on October 18, 2004

```

7  710/5      (2 OR, 5 XR)
    Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
                PROCESSING SYSTEMS: INPUT/OUTPUT
    710/1      INPUT/OUTPUT DATA PROCESSING
    710/5      .Input/Output command process

6  710/74     (5 OR, 1 XR)
    Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
                PROCESSING SYSTEMS: INPUT/OUTPUT
    710/1      INPUT/OUTPUT DATA PROCESSING
    710/62     .Peripheral adapting
    710/72     ..Application-specific peripheral adapting
    710/74     ...For data storage device

6  711/112    (0 OR, 6 XR)
    Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MEMORY
    711/100    STORAGE ACCESSING AND CONTROL
    711/101    .Specific memory composition
    711/111    ..Accessing dynamic storage device
    711/112    ...Direct access storage device (DASD)

4  84/602     (4 OR, 0 XR)
    Class 084 : MUSIC
    84/1       INSTRUMENTS
    84/600     .Electrical musical tone generation
    84/601     ..Data storage
    84/602     ...Digital memory circuit (e.g., RAM, ROM,
                etc.)

4  710/105    (0 OR, 4 XR)
    Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
                PROCESSING SYSTEMS: INPUT/OUTPUT
    710/100    INTRASYSTEM CONNECTION (E.G., BUS AND BUS
                TRANSACTION PROCESSING)
    710/105    .Protocol

3  84/604     (0 OR, 3 XR)
    Class 084 : MUSIC
    84/1       INSTRUMENTS
    84/600     .Electrical musical tone generation
    84/601     ..Data storage
    84/602     ...Digital memory circuit (e.g., RAM, ROM,

```

09834013_CLSTITLES
etc.)

84/604 Waveform memory

3 84/609 (0 OR, 3 XR)
 Class 084 : MUSIC
 84/1 INSTRUMENTS
 84/600 .Electrical musical tone generation
 84/601 ..Data storage
 84/602 ...Digital memory circuit (e.g., RAM, ROM,
 etc.)
 84/609 Note sequence

2 84/645 (0 OR, 2 XR)
 Class 084 : MUSIC
 84/1 INSTRUMENTS
 84/600 .Electrical musical tone generation
 84/601 ..Data storage
 84/645 ...MIDI (musical instrument digital interface)

2 360/46 (2 OR, 0 XR)
 Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
 RETRIEVAL
 360/39 GENERAL PROCESSING OF A DIGITAL SIGNAL
 360/46 .Head amplifier circuit

2 360/75 (0 OR, 2 XR)
 Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
 RETRIEVAL
 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM
 360/75 .Controlling the head

2 360/97.01 (0 OR, 2 XR)
 Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
 RETRIEVAL
 360/88 RECORD TRANSPORT WITH HEAD STATIONARY DURING
 TRANSDUCING
 360/97.01 .Disk record

2 360/99.08 (0 OR, 2 XR)
 Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
 RETRIEVAL
 360/88 RECORD TRANSPORT WITH HEAD STATIONARY DURING
 TRANSDUCING
 360/97.01 .Disk record
 360/99.08 ..Rotational drive detail

2 708/525 (1 OR, 1 XR)

09834013_CLSTITLES

Class	708	:	ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
708/100			ELECTRICAL DIGITAL CALCULATING COMPUTER
708/200			.Particular function performed
708/490			..Arithmetical operation
708/525			...Status condition/flag generation or use

2	710/1		(1 OR, 1 XR)	
	Class	710	:	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
	710/1			INPUT/OUTPUT DATA PROCESSING

2	710/107		(0 OR, 2 XR)	
	Class	710	:	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
	710/100			INTRASYSTEM CONNECTION (E.G., BUS AND BUS TRANSACTION PROCESSING)
	710/107			.Bus access regulation

2	710/22		(1 OR, 1 XR)	
	Class	710	:	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
	710/1			INPUT/OUTPUT DATA PROCESSING
	710/22			.Direct Memory Accessing (DMA)

2	710/266		(0 OR, 2 XR)	
	Class	710	:	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
	710/260			INTERRUPT PROCESSING
	710/266			.Programmable interrupt processing

2	710/305		(1 OR, 1 XR)	
	Class	710	:	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
	710/100			INTRASYSTEM CONNECTION (E.G., BUS AND BUS TRANSACTION PROCESSING)
	710/305			.Bus interface architecture

2	711/117		(1 OR, 1 XR)	
	Class	711	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
	711/100			STORAGE ACCESSING AND CONTROL
	711/117			.Hierarchical memories

2	711/122		(1 OR, 1 XR)	
	Class	711	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
	711/100			STORAGE ACCESSING AND CONTROL


```

                                09834013_CLSTITLES
711/117      .Hierarchical memories
711/118      ..Caching
711/119      ...Multiple caches
711/122      ....Hierarchical caches

2  711/138      (1 OR, 1 XR)
    Class 711 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MEMORY
711/100      STORAGE ACCESSING AND CONTROL
711/117      .Hierarchical memories
711/118      ..Caching
711/138      ...Cache bypassing

2  712/213      (1 OR, 1 XR)
    Class 712 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS:  PROCESSING ARCHITECTURES AND  INS
TRUCTION
                PROCESSING
712/209      .Decoding instruction to accommodate plural
nt dialects,      instruction interpretations (e.g., differe
                languages, emulation, etc.)
712/213      .Predecoding of instruction component

2  713/400      (1 OR, 1 XR)
    Class 713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS:  SUPPORT
713/400      SYNCHRONIZATION OF CLOCK OR TIMING SIGNALS,
                DATA, OR PULSES

```